

```

<xsd:element name="purchaseOrder" type="POType1"/>
<xsd:element name="comment" type="xsd:string"/>

<xsd:complexType name="POType1">
  <xsd:sequence>
    <xsd:element name="shipTo" type="USAddress"/>
    <xsd:element name="billTo" type="USAddress" minOccurs="0"/>
    <xsd:element ref="comment" minOccurs="0"/>
    <xsd:element name="items" type="Items"/>
  </xsd:sequence>
</xsd:complexType>

```

(a)

```

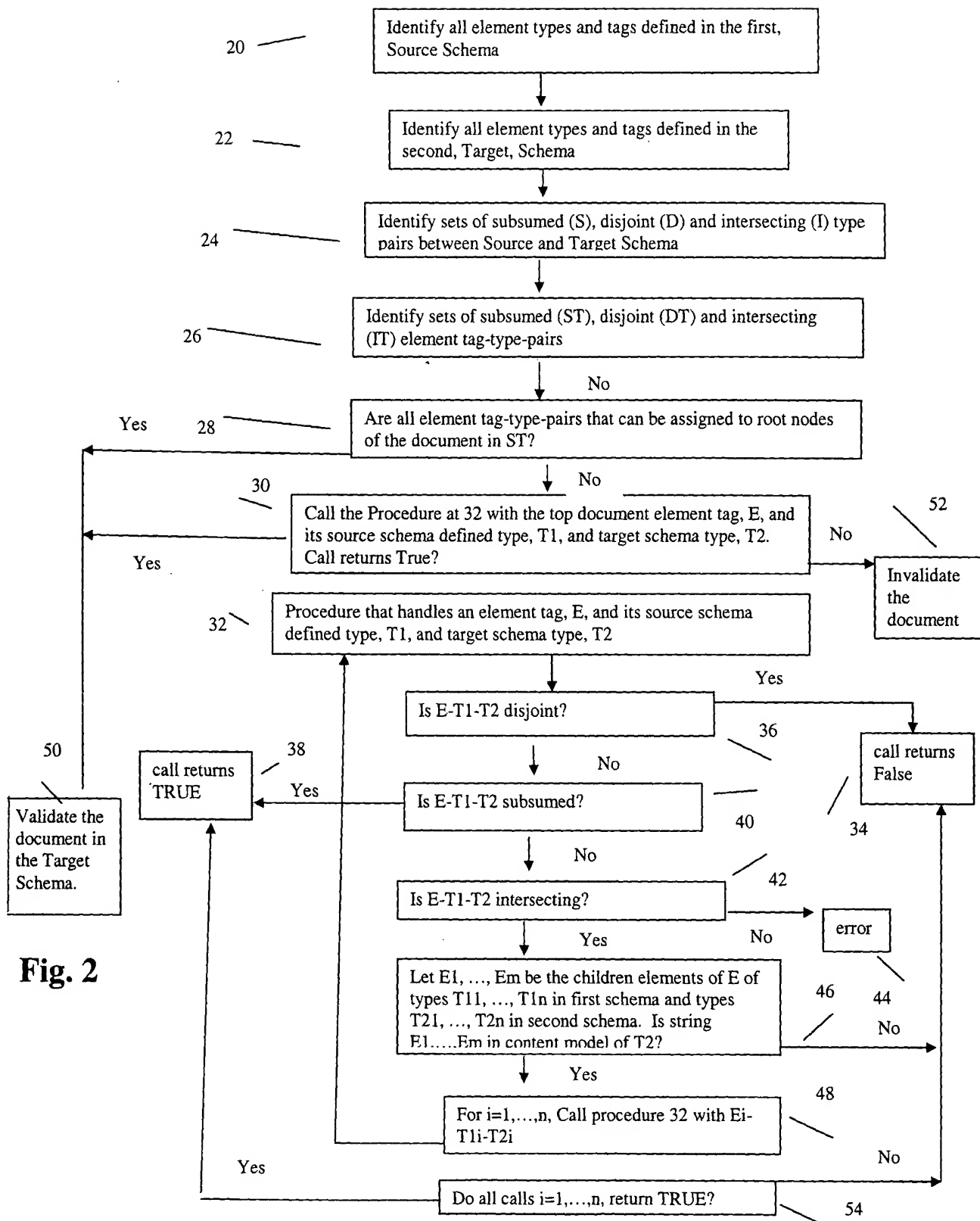
<xsd:element name="purchaseOrder" type="POType2"/>
<xsd:element name="comment" type="xsd:string"/>

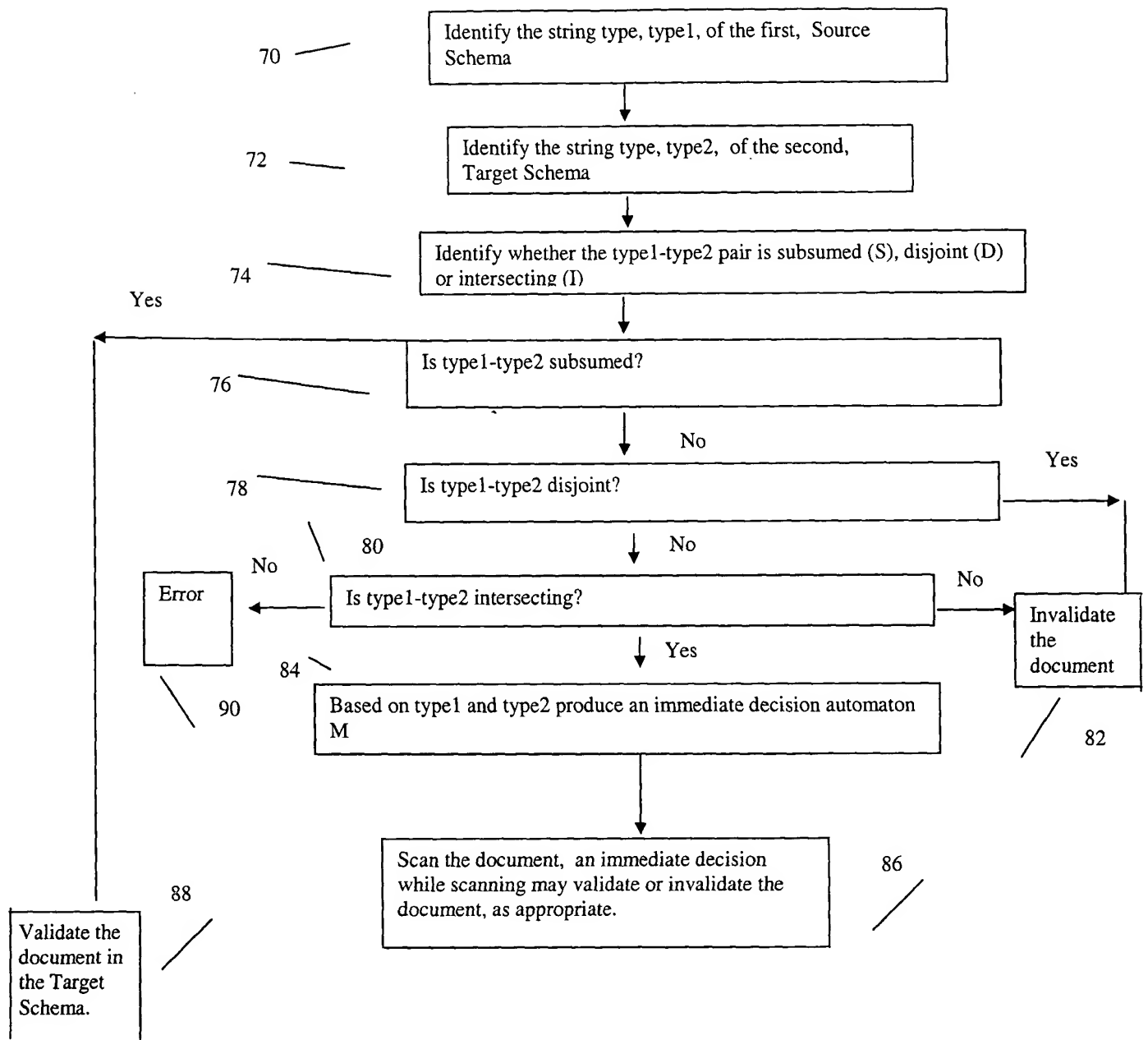
<xsd:complexType name="POType2">
  <xsd:sequence>
    <xsd:element name="shipTo" type="USAddress"/>
    <xsd:element name="billTo" type="USAddress"/>
    <xsd:element ref="comment" minOccurs="0"/>
    <xsd:element name="items" type="Items"/>
  </xsd:sequence>
</xsd:complexType>

```

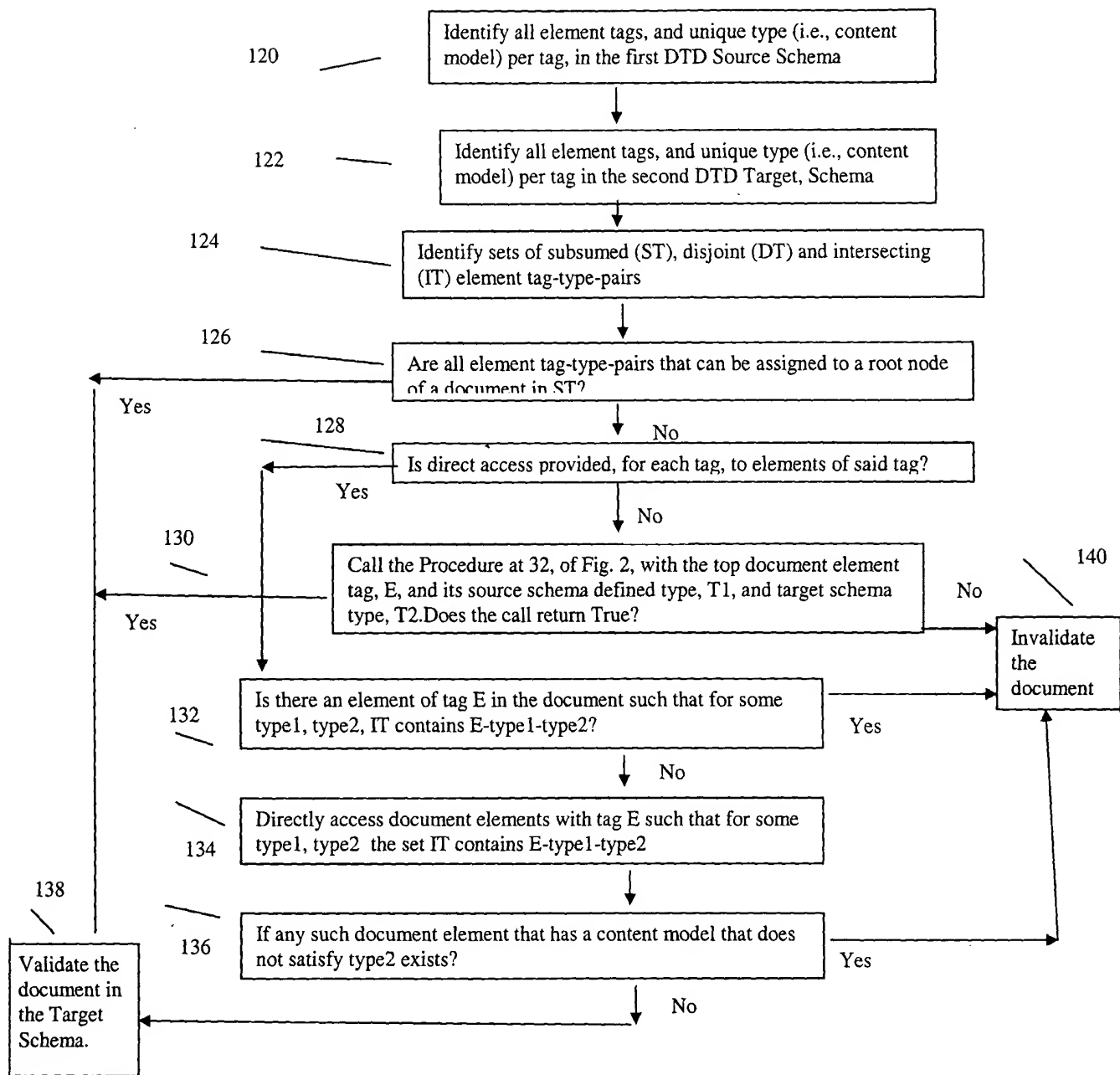
(b)

**Figure 1. Definition of purchaseOrder element in (a) Source Schema (b) Target Schema. The figure shows a fragment of each schema.**

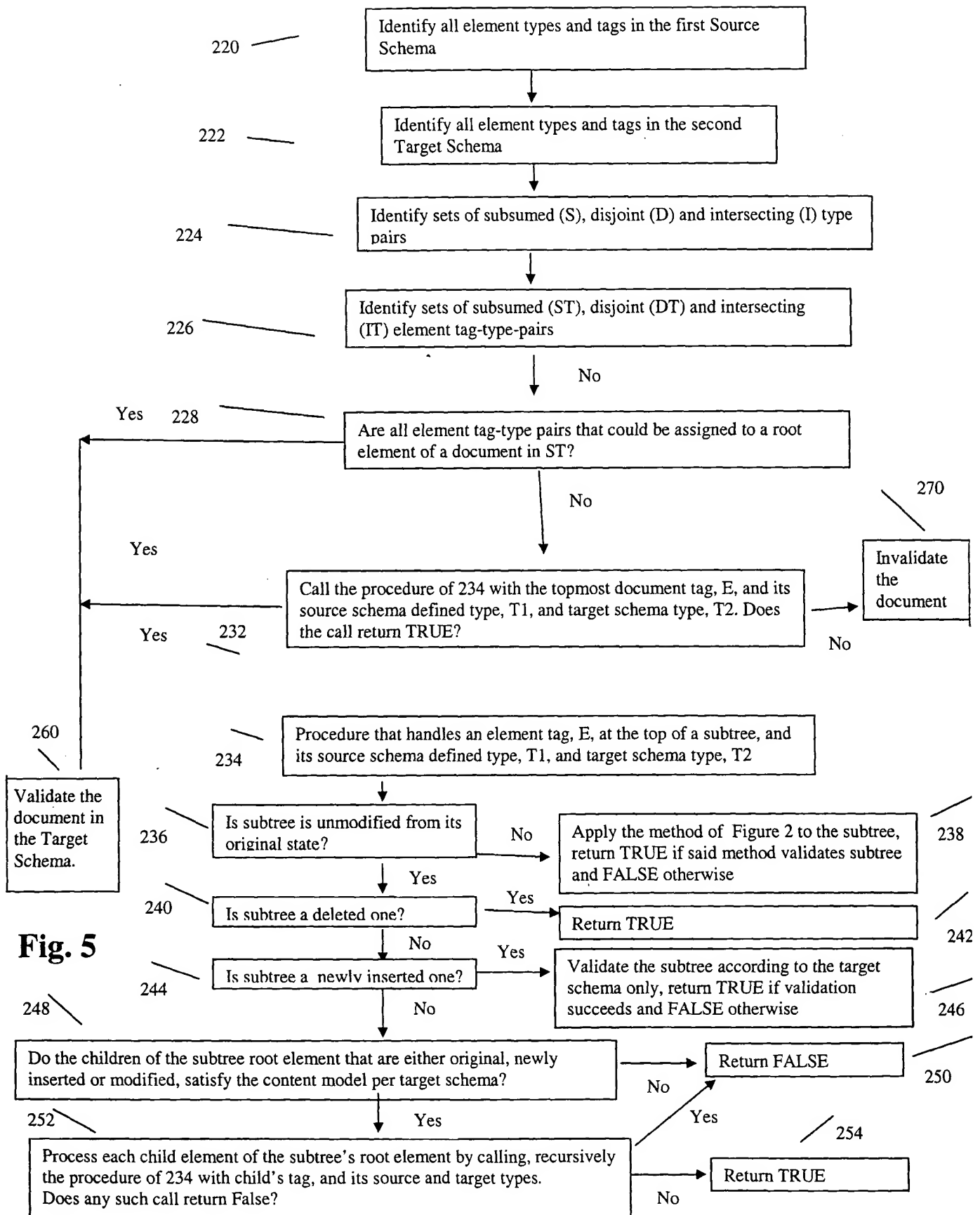


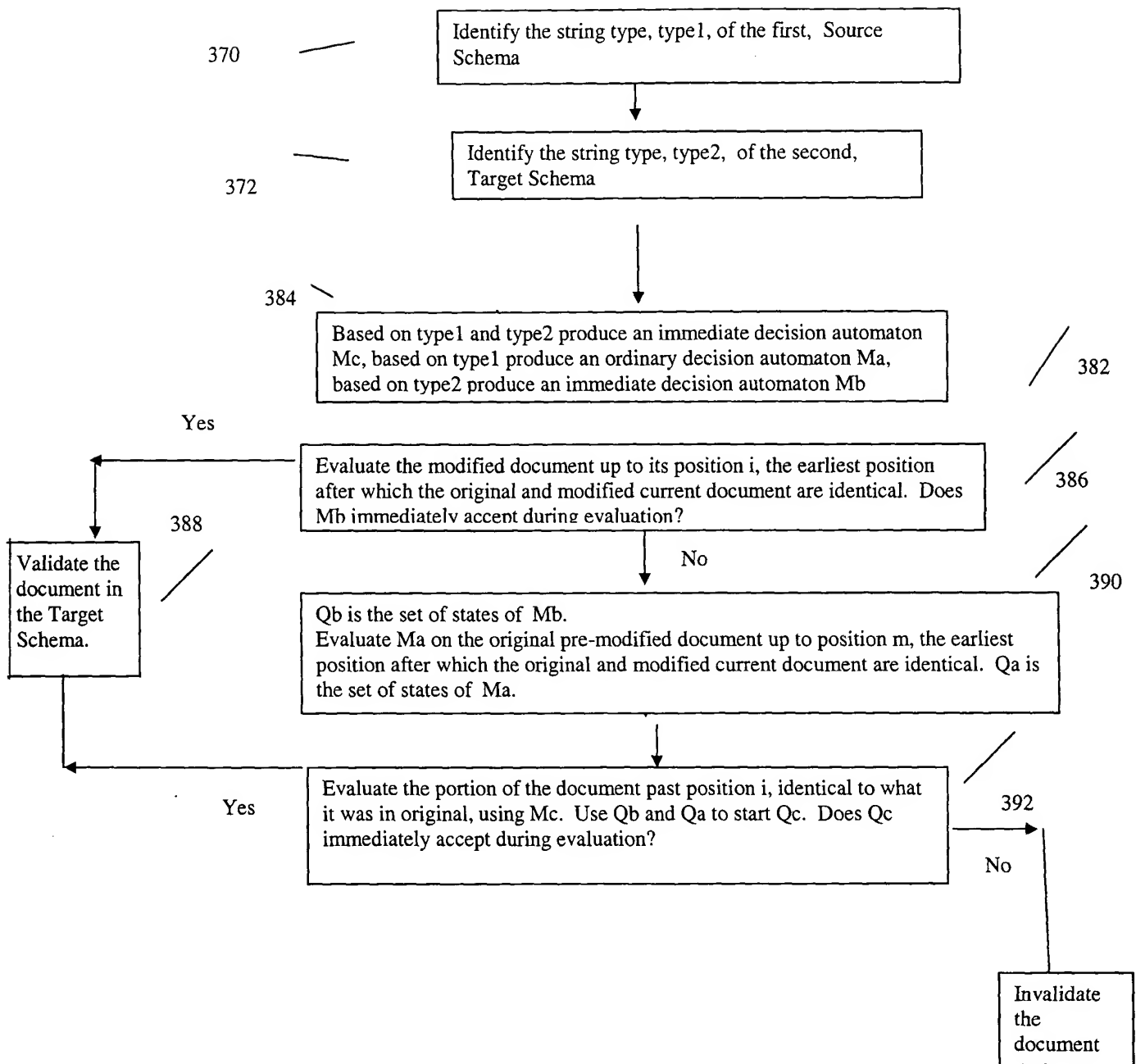


**Fig. 3**



**Fig. 4**





**Fig. 6**

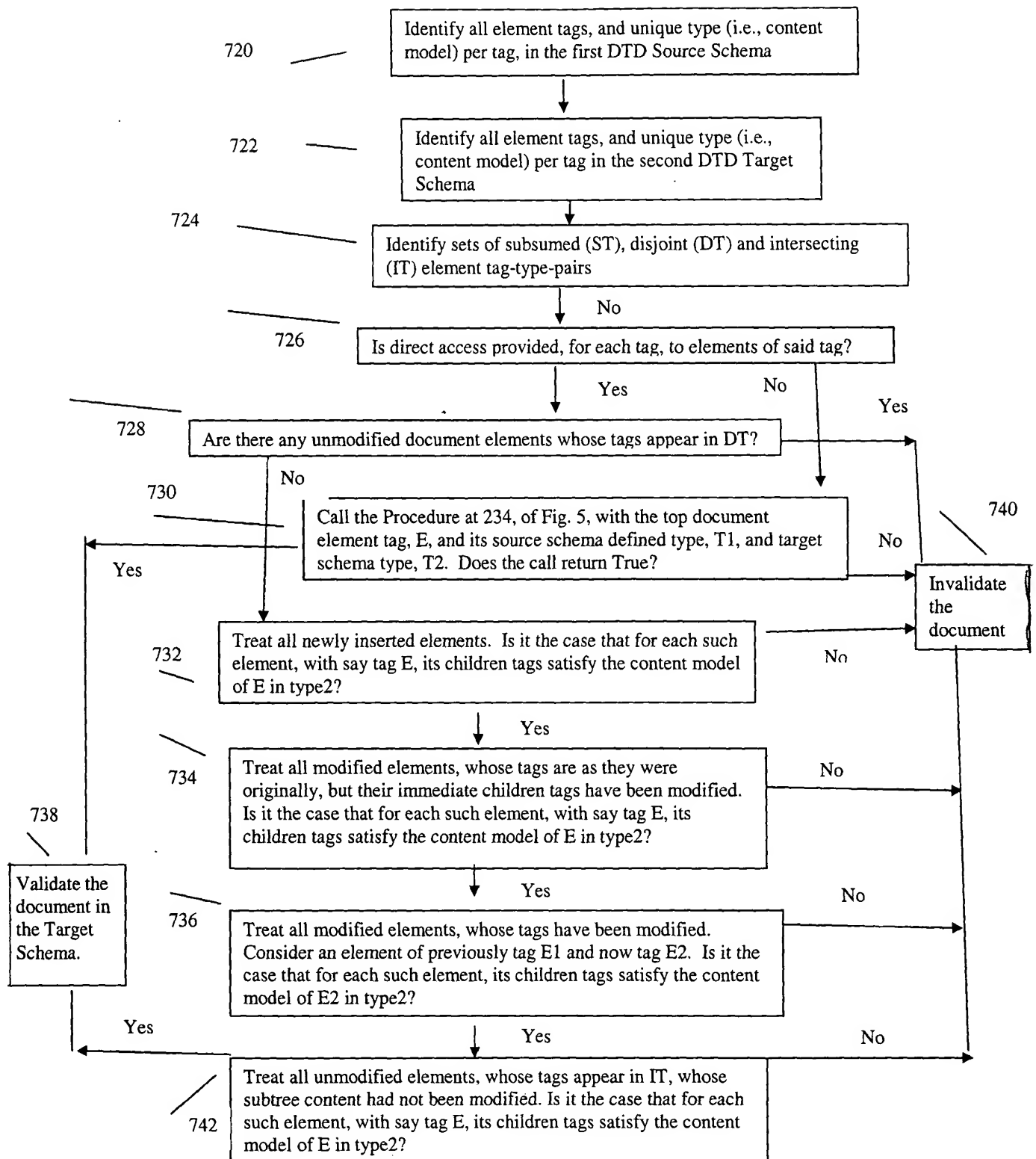
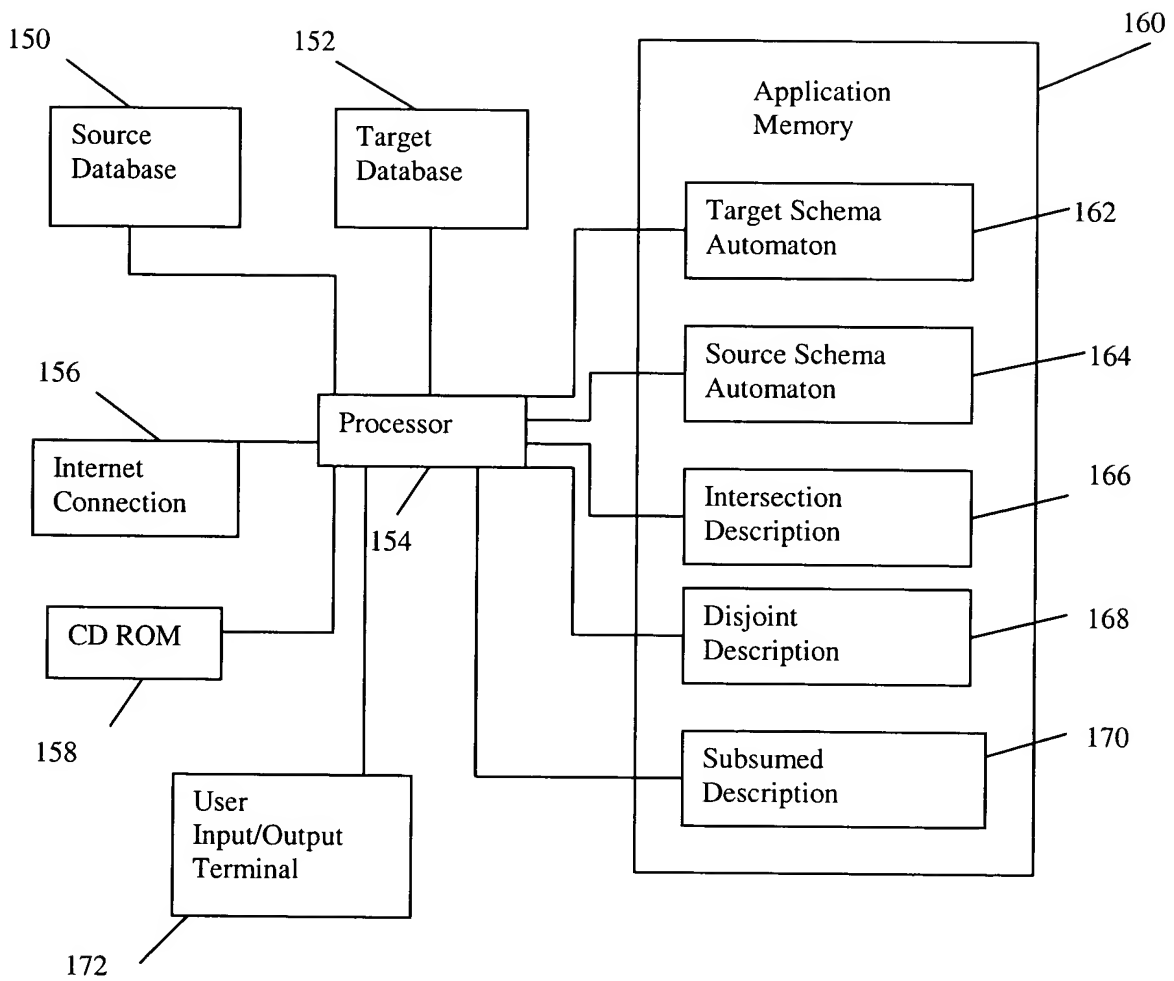


Fig. 7



**Fig. 8**